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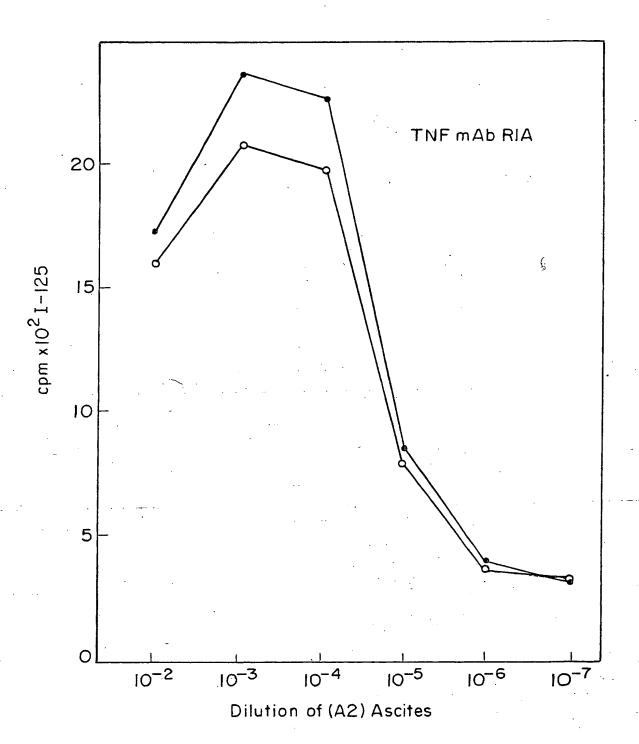


FIG. 1

Title: Anti-TNF Antibodies and Peptides...

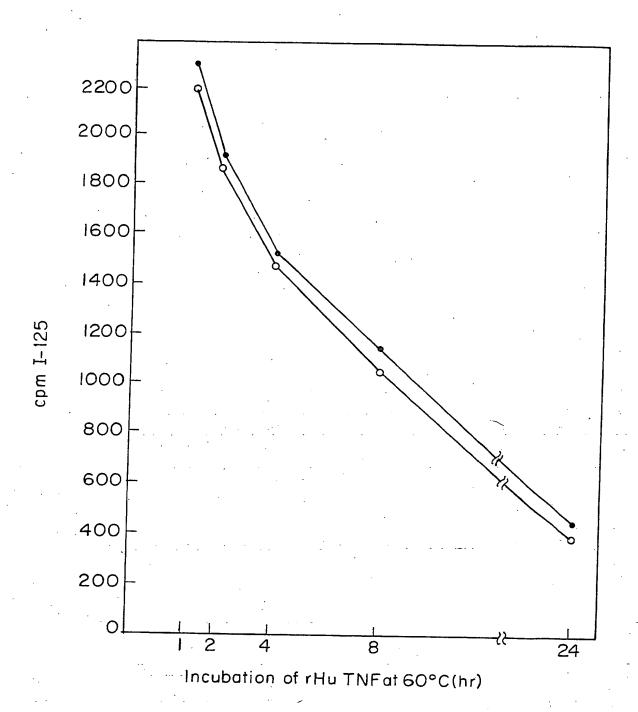
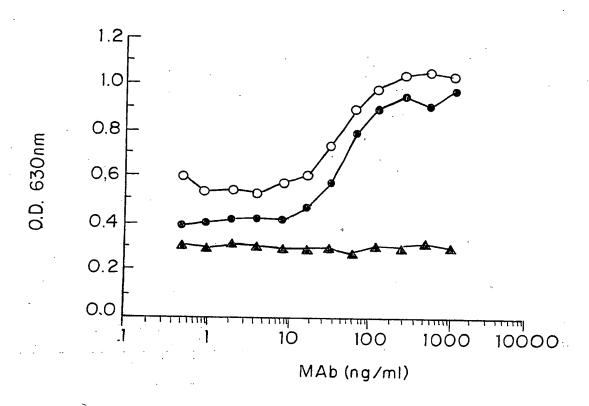


FIG. 2

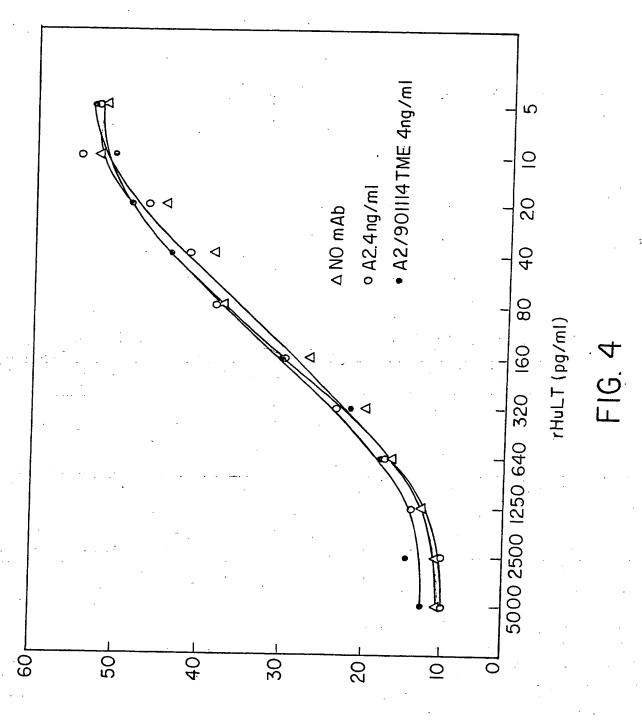
Title: Anti-TNF Antibodies and Peptides...



- Natural Human TNF
- O Recombinant Human TNF
- ▲ Control

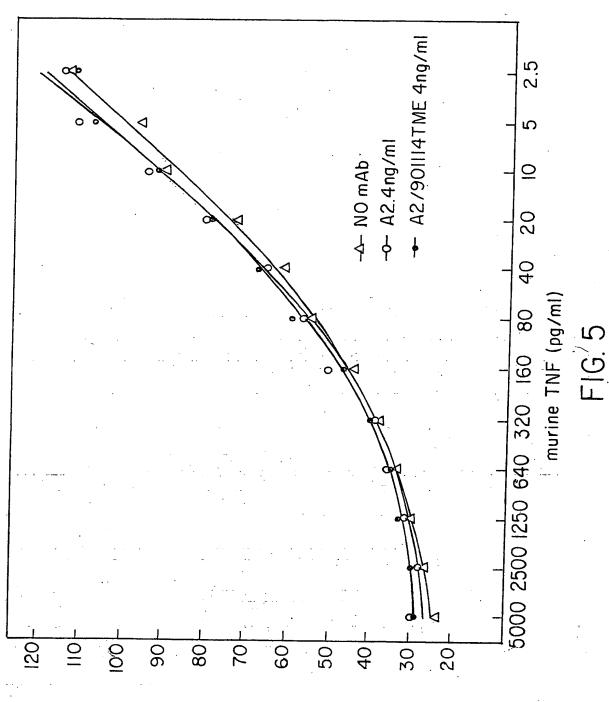
FIG. 3

Title: Anti-TNF Antibodies and Peptides...



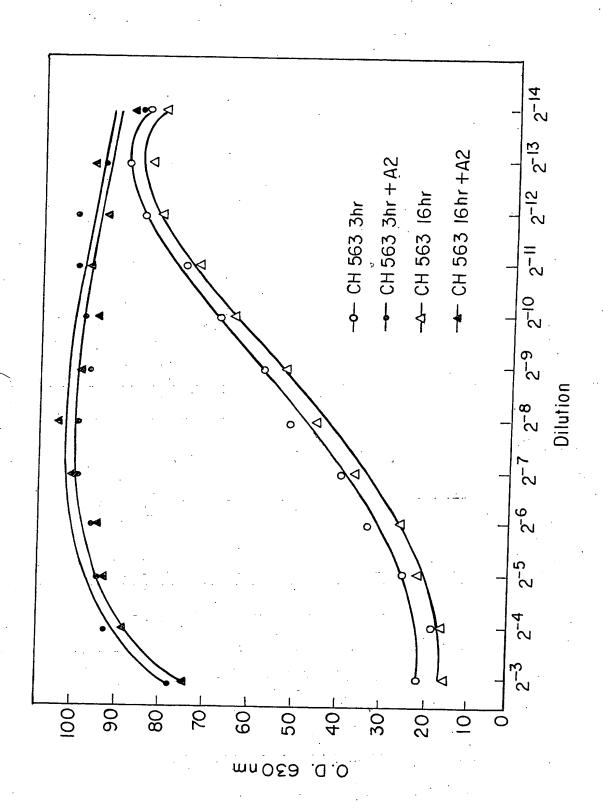
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Title: Anti-TNF Antibodies and Peptides...



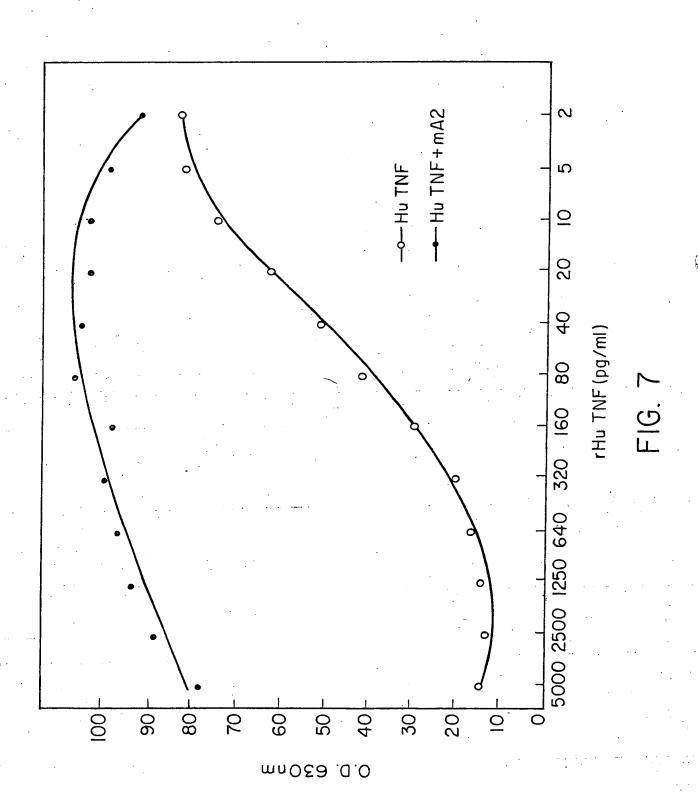
mn059 .0.0

Title: Anti-TNF Antibodies and Peptides...



F1G. 6

Title: Anti-TNF Antibodies and Peptides...



Title: Anti-TNF Antibodies and Peptides...

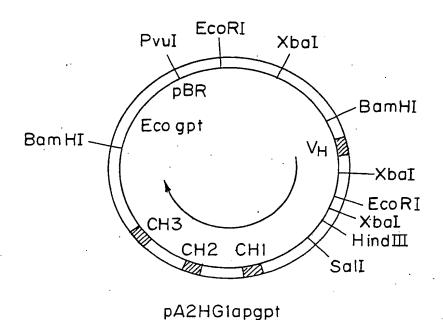


FIG. 8A

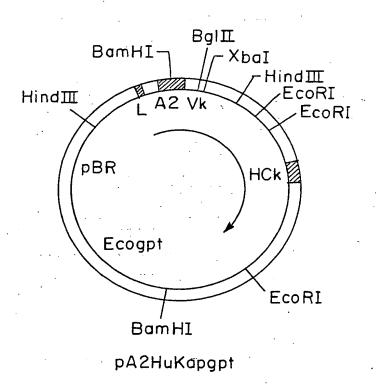


FIG. 8B

Title: Anti-TNF Antibodies and Peptides...

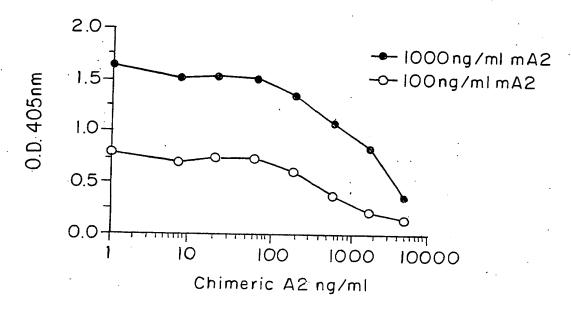


FIG. 9A

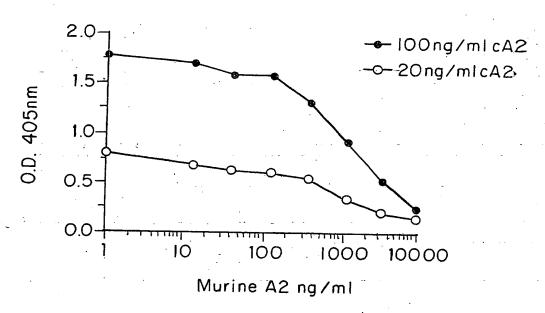


FIG. 9B

Title: Anti-TNF Antibodies and Peptides...

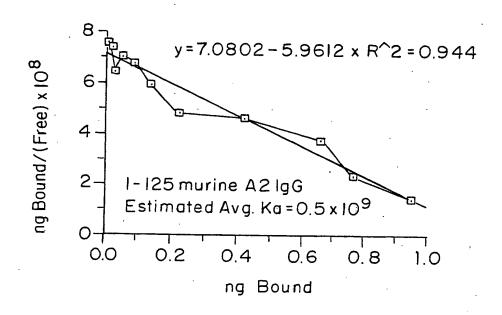


FIG. 10A

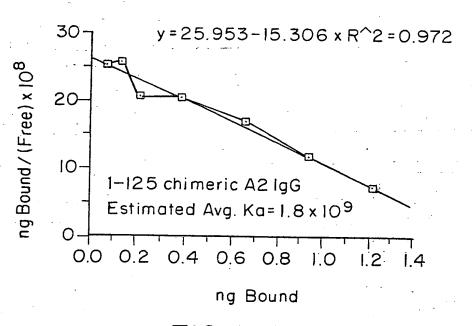


FIG. 10B

Title: Anti-TNF Antibodies and Peptides...

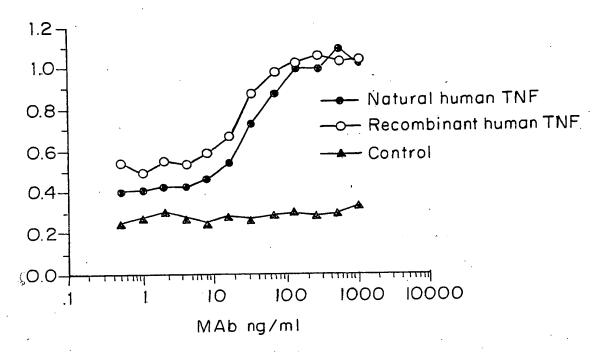


FIG. 11

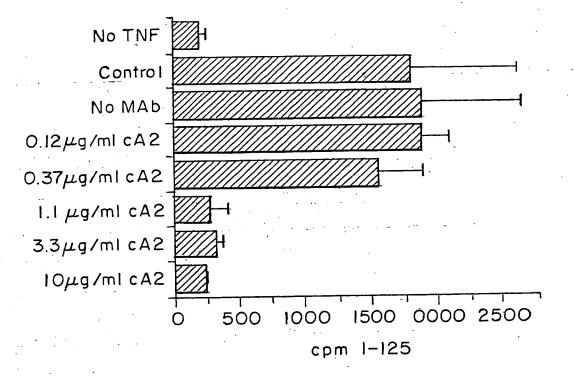


FIG. 12

							•
Pro	Gly	Ser	Ile	Pro	Leu	Pro Asp	
Asn	Asn	Tyr	$\mathtt{Thr}$	Ser	Tyr		
Ala	Ala	Ile	His	Ile Lys	Ile	Asn Arg	
Val	Leu	Leu	Thr	Ile	Pro	Asn	Leu
Val	Leu	${ m Ty} r$	Leu	Ala	G]u	Glu Ile	Ala
His Val Val Ala	Ala Leu	Leu Tyr	Leu	Ser	${ m Tyr}$	Glu	Ile
Ala	Asn		Val	Leu	Pro Trp Tyr	Ala	Ile
Val	Ala	Glu	His	Leu	Pro	Ser Ala	G1y
Lys Pro Val Ala	Arg Arg Ala Asn	Ser Glu Gly	70 Pro Ser Thr His Val Leu Leu Thr	Val Asn Leu Leu Ser Ala	Ala Lys	Arg Leu	Tyr Phe Gly Ile Ile Ala
Lys	Arg	Pro	Ser		Ala	Arg	
10 Asp	30 Asn	50 Val	70 Pro	90 Lys	110 Glu	130 Asp	150 Val
10 Pro Ser Asp	Trp Leu	Val	Cys	Thr	Ala	130 Lys Gly Asp	Glu Ser Gly Gln
Pro	Trp	Gln Leu	$_{ m G1y}$		G1y	Lys	G1y
$\operatorname{Thr}$	Gln		Gln	Tyr Gln	Glu Gly	Glu	Ser
Arg	Leu	Asn	Gly Gln Gly	Ser	Pro	Leu	Glu
Ser		Asp	Lys	Val	Thr	Gln	Ala
Ser	Glu Gly Gln	Glu Leu Arg Asp	Leu Phe	Arg Ile Ala	Glu	Gly Val Phe Gln	Leu Asp Phe Ala
Ser		Leu	Leu	Ile	Gln Arg Glu	Val	Asp
Arg	Ala		Val		Gln	G1y	Leu
1 Val	21 Gln	41 Val	61 Gln	81 Ser	101 Cys	121 Gly	141 Tyr
							·

Title: Anti-TNF Antibodies and Peptides...

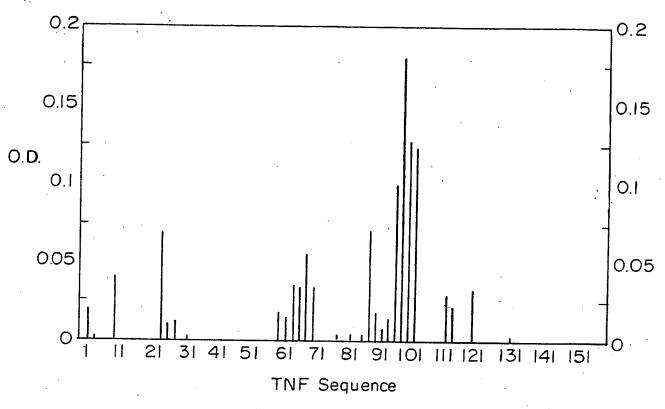


FIG. 14A

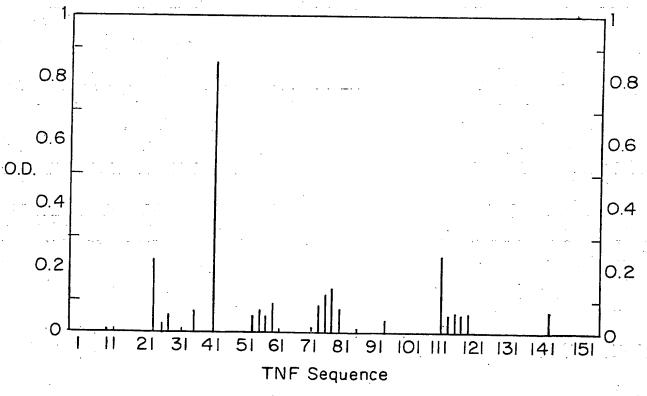


FIG. 14B

_		<u> </u>	<del></del>	_,	<u>.                                    </u>	
l Pro	ı Gly	Ser	Ile	Pro	Len	Asp
Asr	Asn	Tyr	l Thr	Ser	TVE	Pro
Ala Asn	Ala	Ile Tyr	His	Lys	Ile	\rg
Val	Leu Ala	Leu	ľhr	Ile	ro	sn i
Val	ren		Thr His Val Leu Leu Thr	Ala	Tyr Glu Pro Ile Tvr	Ile Asn Arg Pro
His	Ala	Гец	ner	Ser	Yr (	,1u
Ala	Asn	31y ]		Leu S	Trp 1	la G
	Ala i	Glu Gly Leu Tyr	lis V	l nər	Pro I	er A
Pro Val	Arg /	Ser (	Thr I	Asn I	Lys E	ner S
Ľγs	30 Asn Arg Arg Ala Asn	Pro	Ser	Val 2	Ala I	Arg I
10 Asp	30 Asn	50 Val	70 Pro	90 Lys Val Asn Leu	110 Glu	130 Asp Arg Leu Ser Ala Glu
	Leu		Cys	Thr	Ala	Gly .
Thr Pro Ser	Gln Trp Leu	Gln Leu Val	Gln Gly Cys	Gln		Lys
$\operatorname{Thr}$	Gln	Gln	Gln	Tyr	Glu Gly	Glu
Arg	Leu	Asn	$_{ m G1y}$	Ser	7	i
Ser		Asp	Lys		Thr	Gln
Ser	Gly Gln	Arg	Phe	Ala Val	Glu	Phe
Arg Ser	Ala Glu	Glu Leu Arg Asp Asn	Leu Phe Lys Gly	Ile	Arg	Val
Arg	Ala	Glu	Val	Arg	Gln Arg Glu Thr Pro	Gly
ı Val	21 Gln	41 Val	61 Gln	81 Ser	101 Cys	121 Gly Gly Val Phe Gln Leu
	•		٠,	-		

141 Tyr Leu Asp Phe Ala Glu Ser Gly Gln

Title: Anti-TNF Antibodies and Peptides...

Inventors: Junming Le, et al.

 ${\tt AspIleLeuLeuThrGlnSerProAlaIleLeuSerValSerProGlyGluArgValSer}$ GACATCTTGCTGACTCAGTCTCCAGCCATCCTGTGTGAGTCCAGGAGAAAGAGTCAGT

TTCTCCTGCAGGCCAGTCAGTTCGTTGGCTCAAGCATCCACTGGTATCAGCAAAGAACA  $\tt Phe SerCysArgAlaSerGlnPhe ValGlySerSerIleHisTrpTyrGlnGlnArgThr$ 

AATGGTTCTCCAAGGCTTCTCATAAAGTATGCTTCTGAGTCTATGTCTGGGATCCCTTCC  ${\tt AsnGlySerProArgLeuLleLysTyrAlaSerGluSerMetSerGlyIleProSer}$ 

AGGTTTAGTGGCAGTGGATCAGGGACAGATTTTACTCTTAGCATCAACACTGTGGAGTCT  ${\tt ArgPheSerGlySerGlyThrAspPheThrLeuSerIleAsnThrValGluSer}$ 

GAAGATATTGCAGATTATTACTGTCAAGAAAGTCATAGCTGGCCATTCACGTTCGGCTCG  ${\tt GluAspIleAlaAspTyrTyrCysGlnGlnSerHisSerTrpProPheThrPheGlySer}$ 

GGGACAAATTTGGAAGTAAAA GlyThrAsnLeuGluValLys FIG. 16A

Title: Anti-TNF Antibodies and Peptides...

Inventors: Junming Le, et al.

 ${\tt GluValLysLeuGluGluSerGlyGlyGlyLeuValGlnProGlyGlySerMetLysLeu}$ GAAGTGAAGCTTGAGGAGTCTGGAGGCTTGGTGCAACCTGGAGGATCCATGAAACTC

 ${\tt SerCysValAlaSerGlyPheIlePheSerAsnHisTrpMetAsnTrpValArgGlnSer}$ TCCTGTGTTGCCTCTGGATTCATTTTCAGTAACCACTGGATGAACTGGGTCCGCCAGTCT

CCAGAGAAGGGGCTTGAGTTGCTGAAATTAGATCAAAATCTATTAATTCTGCAACA  $\tt ProGluLysGlyLeuGluTrpValAlaGluIleArgSerLysSerIleAsnSerAlaThr$ 

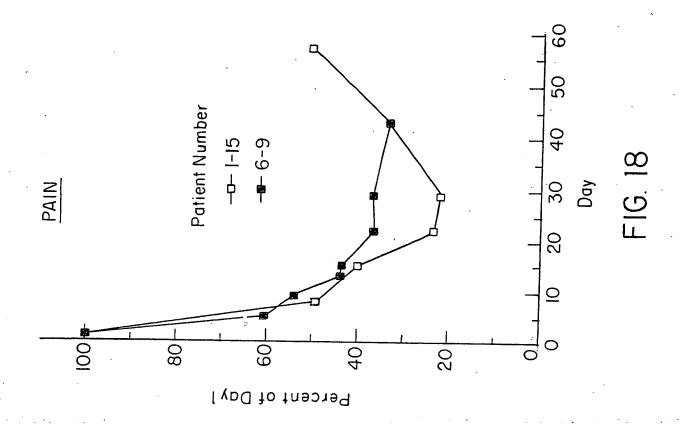
HisTyrAlaGluSerValLysGlyArgPheThrIleSerArgAspAspSerLysSerAla CATTATGCGGAGTCTGTGAAAGGGAGGTTCACCATCTCAAGAGATGATTCCAAAAGTGCT

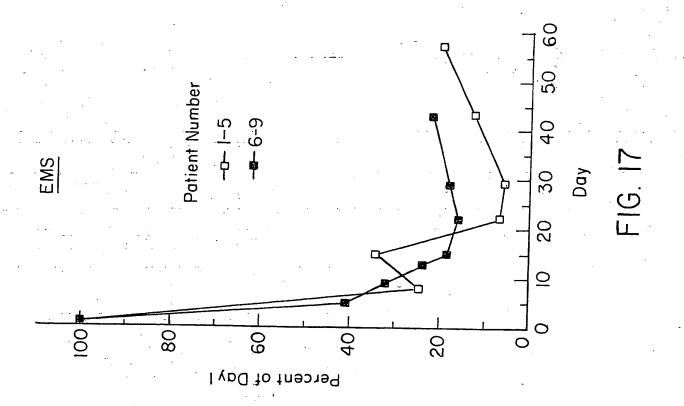
GTGTACCTGCAAATGACCGACTTAAGAACTGAAGACACTGGCGTTTATTACTGTTCCAGG  ${\tt ValTyrLeuGlnMetThrAspLeuArgThrGluAspThrGlyValTyrTyrCysSerArg}$ 

AATTACTACGGTAGTACCTACGACTACTGGGGCCAAGGCACCACTCTCACAGTGTCC  ${\tt AsnTyrTyrGlySerThrTyrAspTyrTrpGlyGlnGlyThrThrLeuThrValSer}$ 

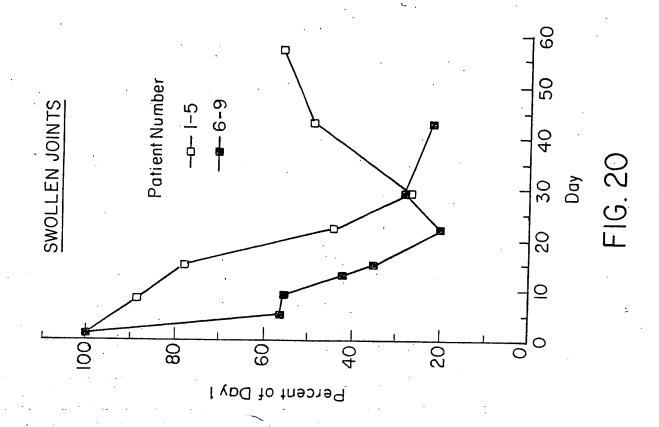
FIG./ 16B

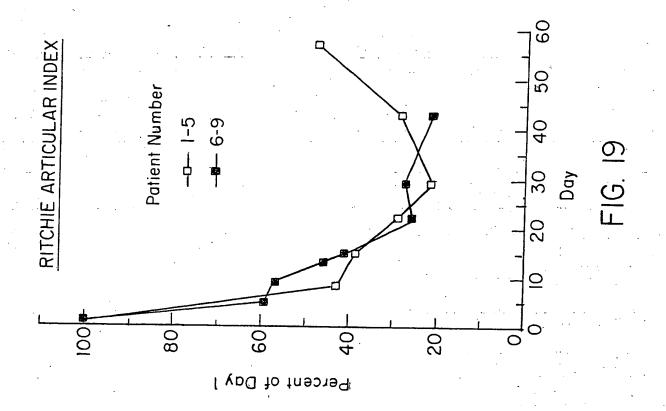
Title: Anti-TNF Antibodies and Peptides...



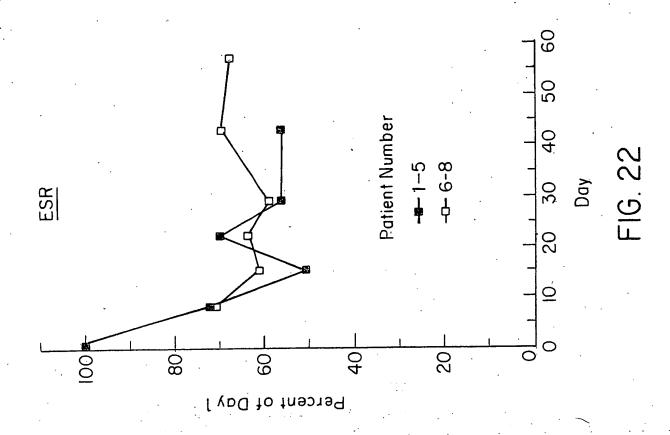


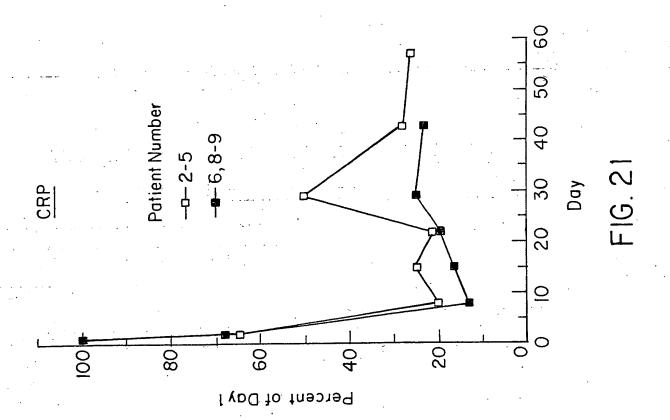
Docket No.: 0975.1005-038
Title: Anti-TNF Antibodies and Peptides...





Title: Anti-TNF Antibodies and Peptides...





Title: Anti-TNF Antibodies and Peptides...

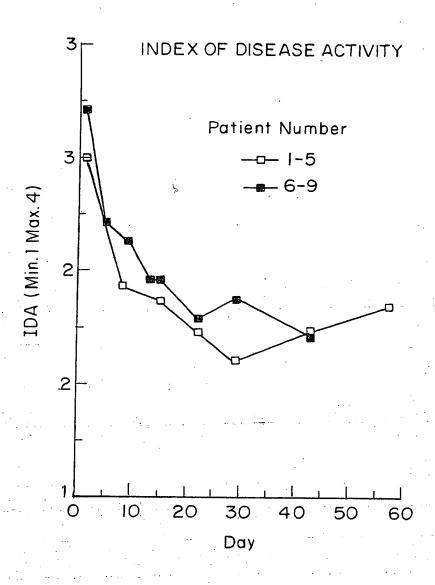
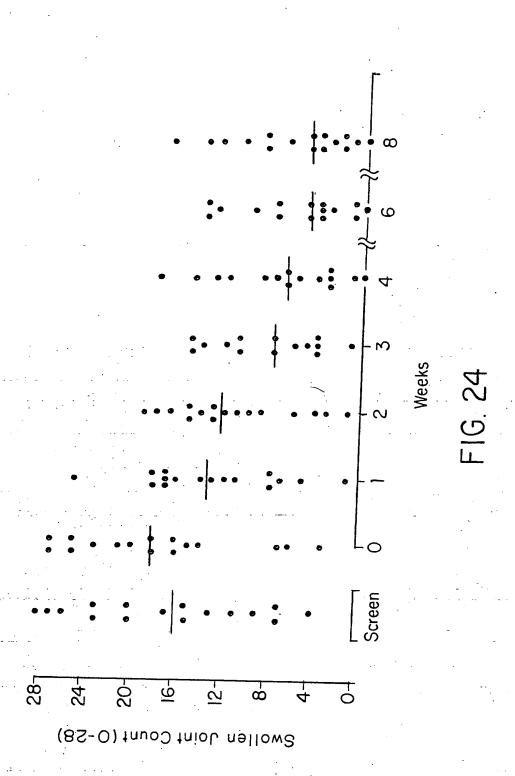
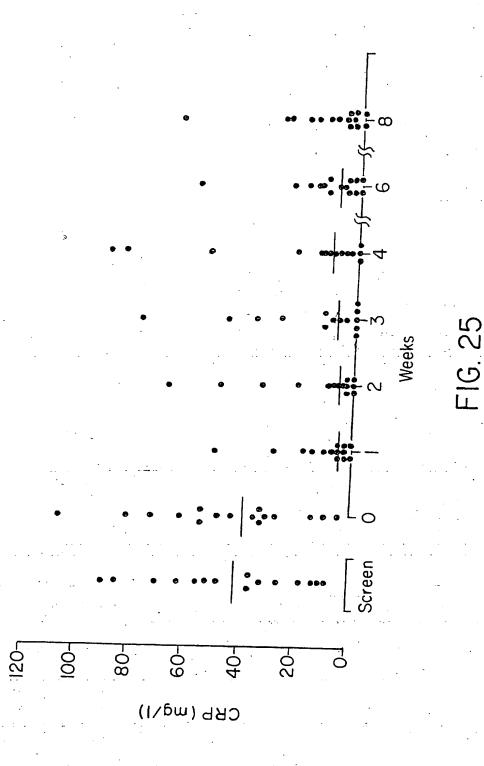
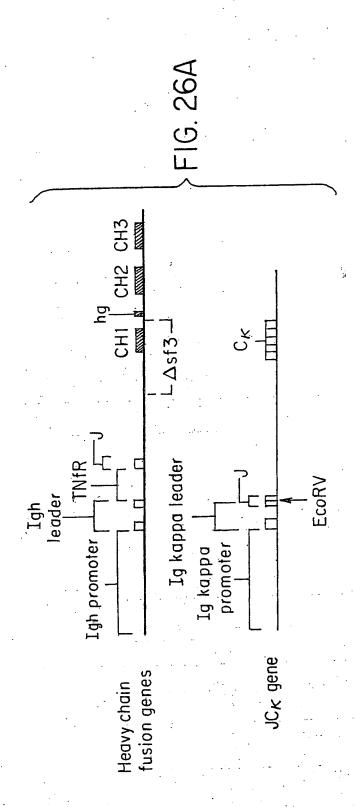


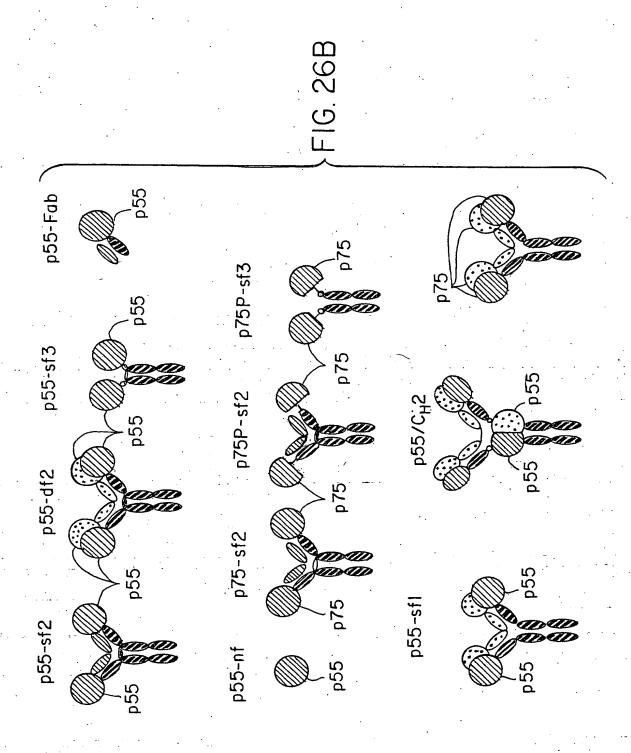
FIG. 23

Title: Anti-TNF Antibodies and Peptides... Inventors: Junming Le, et al.

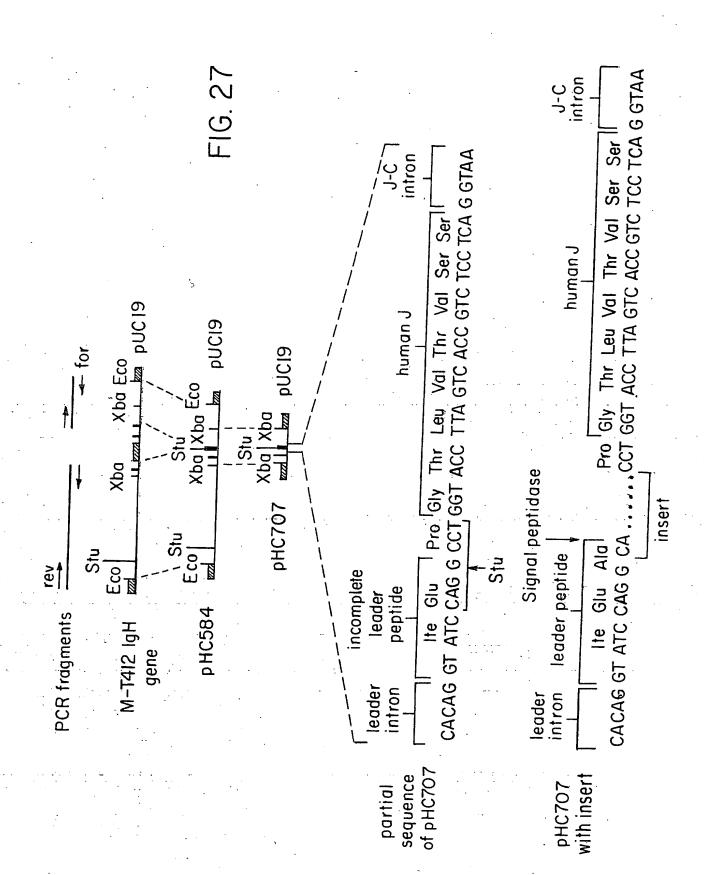




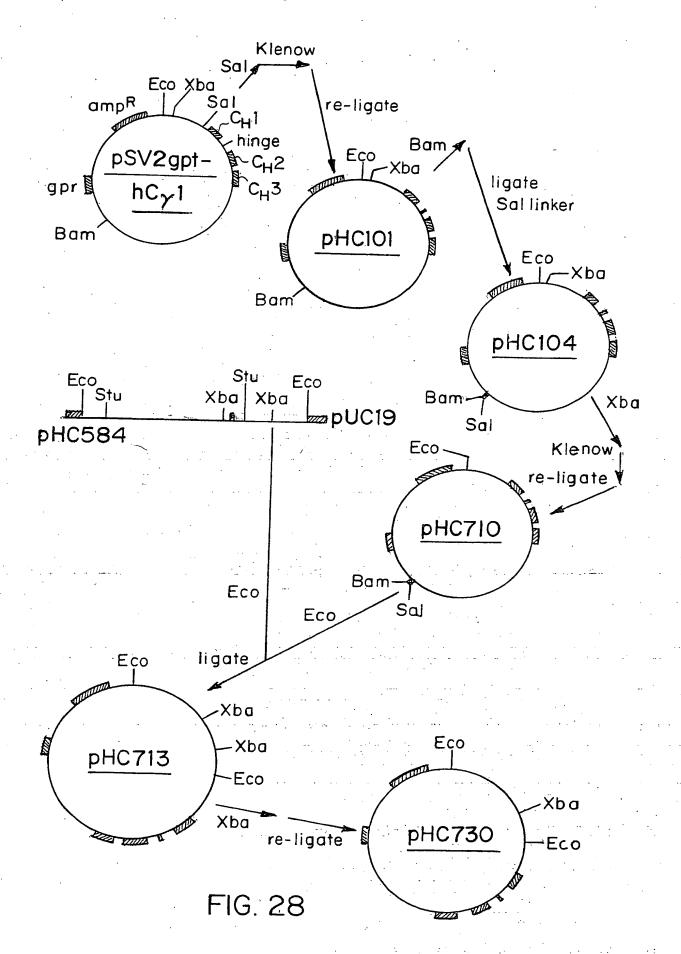




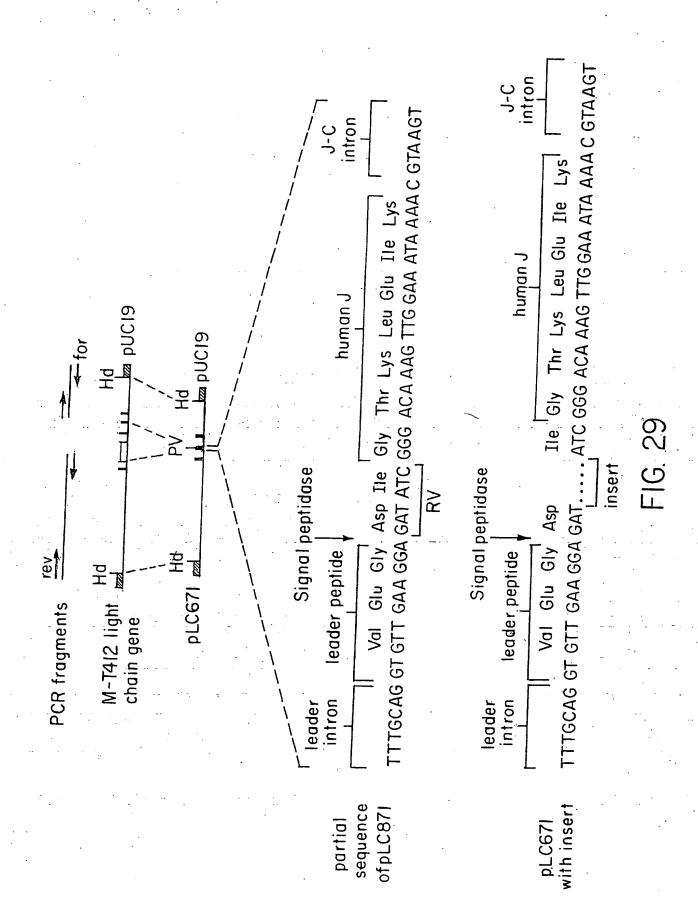
Title: Anti-TNF Antibodies and Peptides...



Title: Anti-TNF Antibodies and Peptides...



Title: Anti-TNF Antibodies and Peptides...



Title: Anti-TNF Antibodies and Peptides...

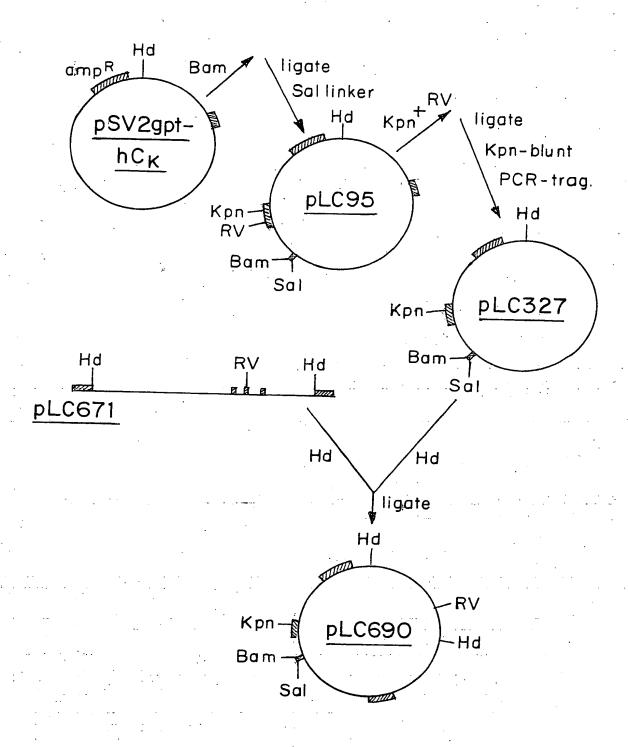


FIG. 30

Docket No.: 0975.1005-038
Title: Anti-TNF Antibodies and Peptides...

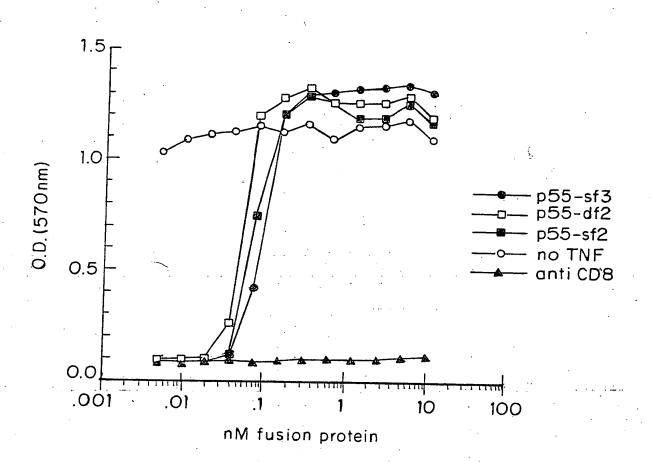


FIG. 31A

Title: Anti-TNF Antibodies and Peptides...

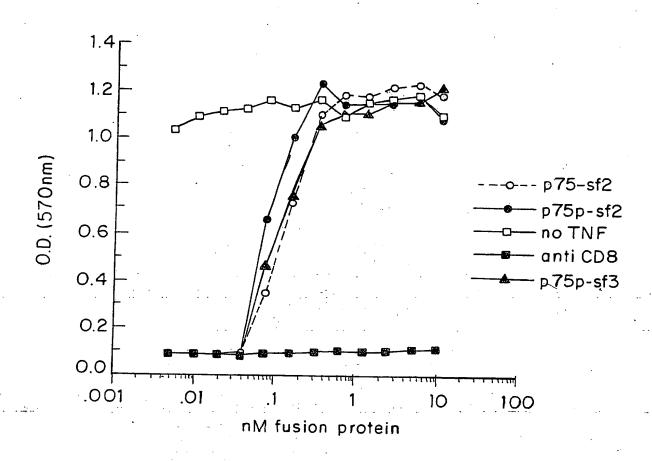


FIG. 31B

Docket No.: 0975.1005-038
Title: Anti-TNF Antibodies and Peptides...

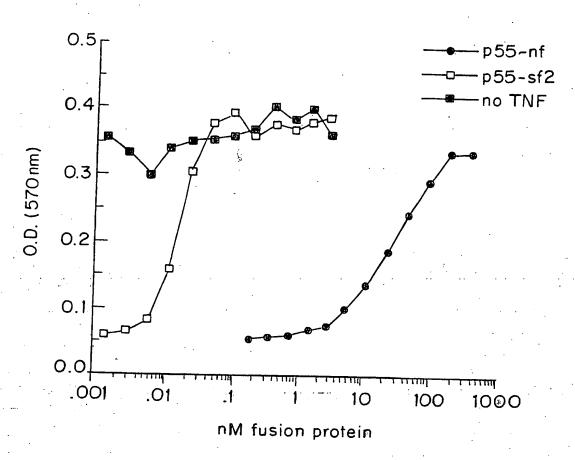


FIG. 31C

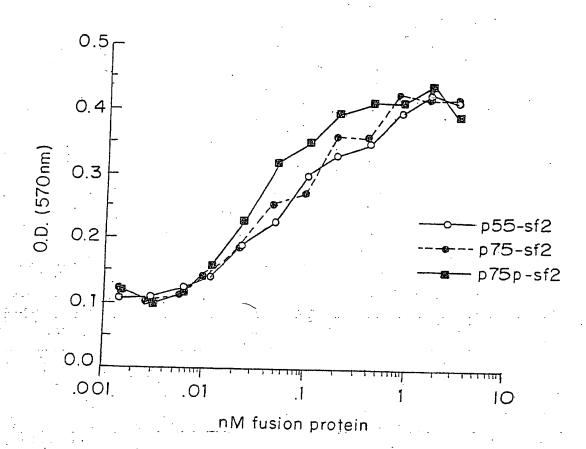


FIG. 32

Title: Anti-TNF Antibodies and Peptides...

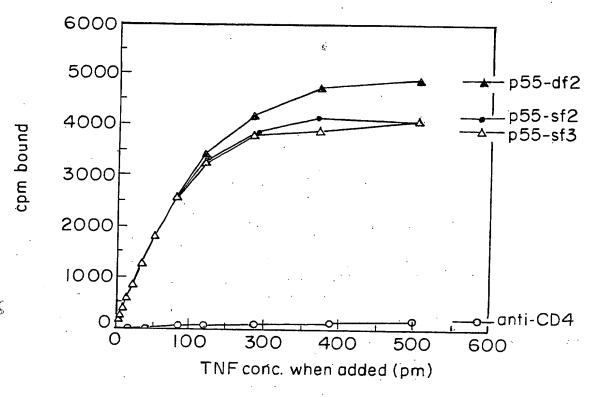


FIG. 33A

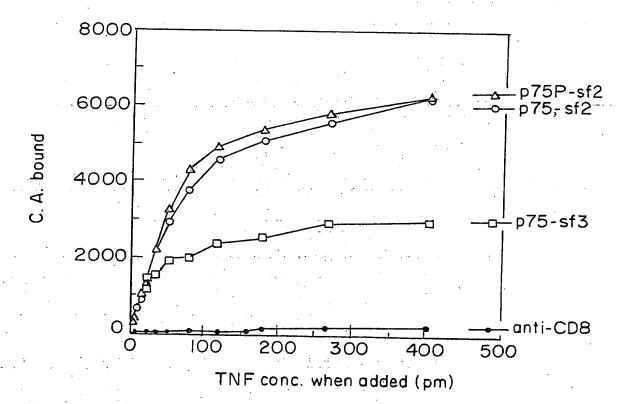
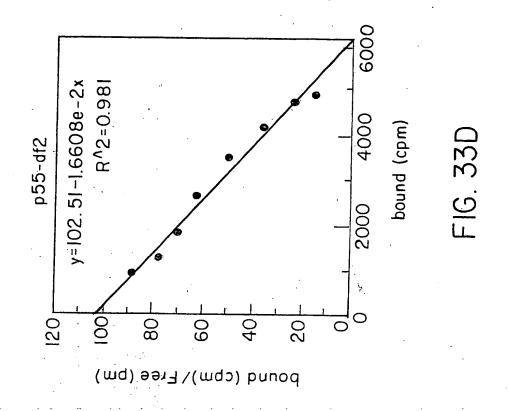
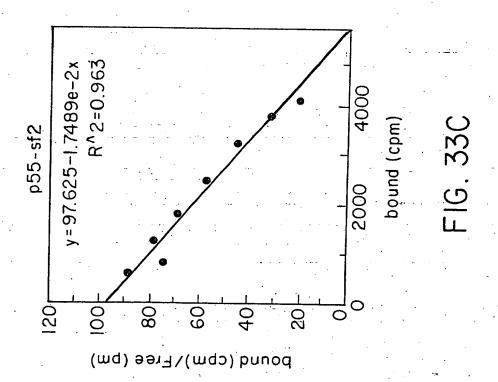


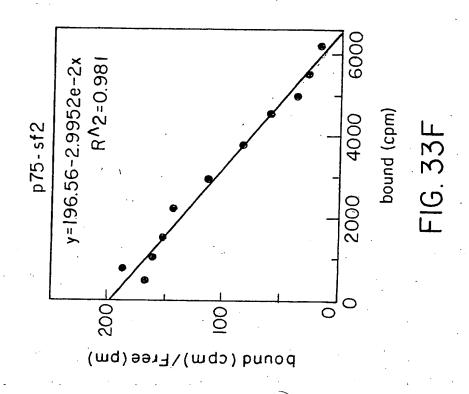
FIG. 33B

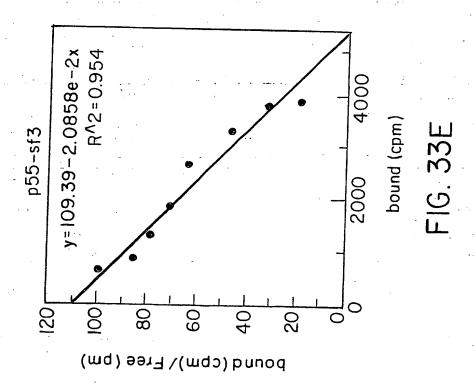
Title: Anti-TNF Antibodies and Peptides...



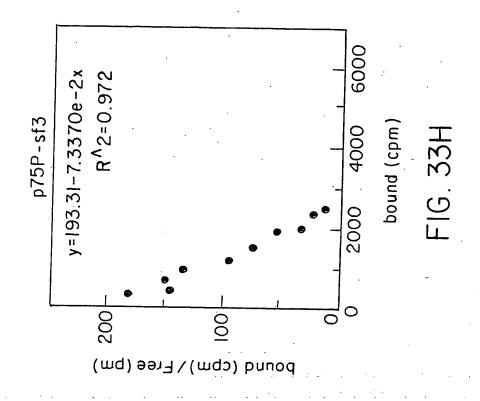


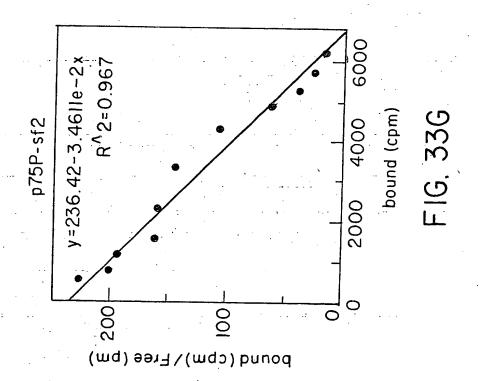
Title: Anti-TNF Antibodies and Peptides... Inventors: Junming Le, et al.





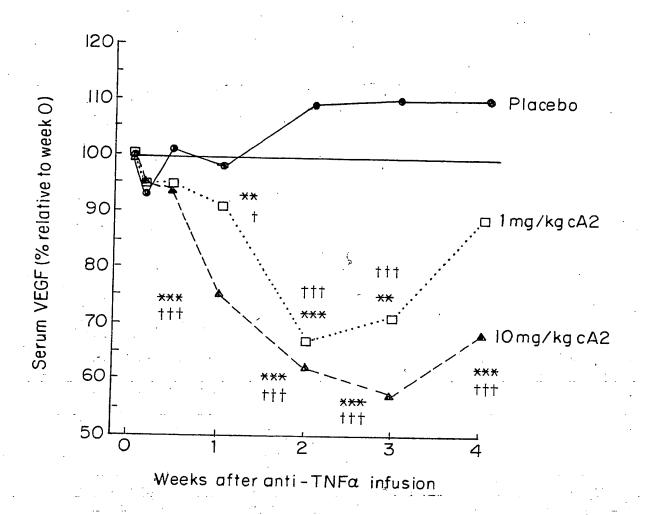
Title: Anti-TNF Antibodies and Peptides...





Title: Anti-TNF Antibodies and Peptides...

Inventors: Junming Le, et al.



\* p  $\leq$  0.05, \*\* p  $\leq$  0.01, \*\*\* p  $\leq$  0.001 versus pre-infusion t p  $\leq$  0.05, ttp  $\leq$  0.01, ttt p  $\leq$  0.001 versus change in placebo group

FIG. 34